

The Benefits of the **Spot Safety Program**

Presented by: Roger Ayers

Deputy DTE & Incident
Management Engineer







Total Accidents From the 0 MM-20 MM

Before Work Completed

1/22/00-1/21/01

West Bound--82

East Bound—63

1/22/01-1/21/02

Westbound—62

Eastbound—44

1/22/02-1/21/03

Westbound—100

Eastbound--112

After Work Completed

1/22/03-12/31/03

West Bound—101

East Bound—87









Pigeon River

FRENCH BROAD
RIVER BASIN





Pigeon River





I-40, MM 20 West Bound
New Speed Detection DMS
In the background



Closer view of Speed Detection DMS Sign



Additional Chevrons at the 19 MM West Bound



Additional Chevrons at the 18MM West Bound





Chevrons at the 17.5 MM





Ramp Truck Restriction Sign at Exit 15



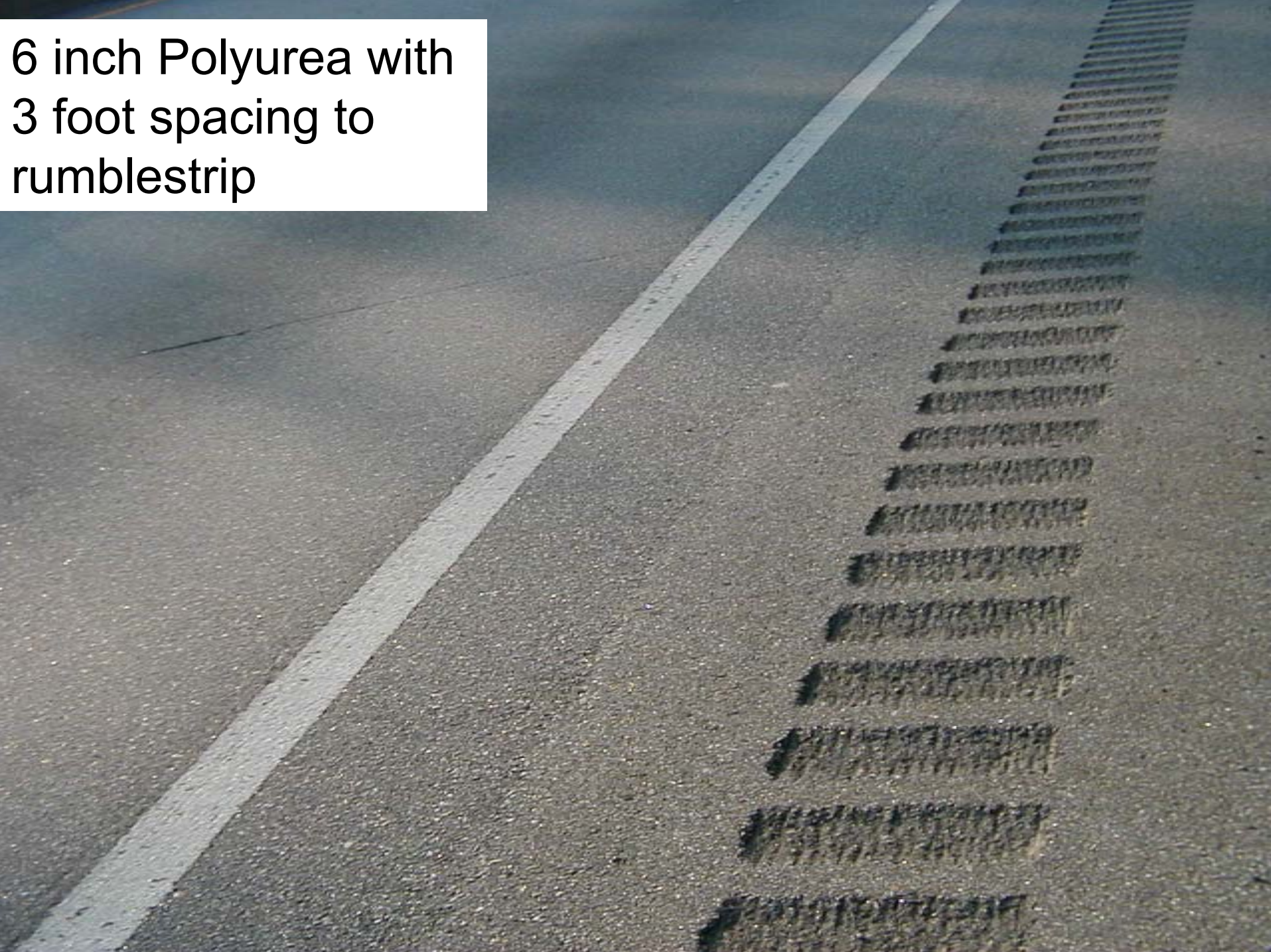
15 MM



12.5 West Bound



6 inch Polyurea with
3 foot spacing to
rumblestrip





12 MM



NO TRUCKS
3 AXLES
OR MORE
LEFT LANE

MILE
1
2

29U3



9.5 MM



Exit 7



STATE LAW

MOVE LEFT OR
REDUCE SPEED
FOR STOPPED
EMERGENCY
VEHICLES

Speed Activated DMS East Bound at the .7 MM



17.5 MM East Bound







Wrecks at the 17.5 MM

- Before Work Completed

1/22/2000-1/21/2001

- East Bound—15
- West Bound -- 1

1/22/01-1/21/02

- West Bound-3
- East Bound-14

1/22/02-1/21/-03

- East Bound--39
- West Bound—4

- After Work Completed

1/22/03-12/31/03

- East Bound-24
- West Bound-1



Total Cost of the Improvements

Mobilization	\$16,850.00
Milled Rumble Strips	\$35,236.62
Curve Chevrons	\$22,250.00
Barrier Delineation	\$74,850.00
Dynamic Message Signs	\$340,590.19
TOTAL	\$489,776.81



The End From
the Big
Kahoona